

1 What is claimed is:

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3 1. A method for creating and valuing financial instruments based upon average credit spreads
4 which compile average credit spread information in market segments defined by geography,
5 credit history, industry type, industry size, firm size, provision of collateral, third-party
6 guarantee, or type of debt obligation.

7
8 2. The method of claim 1, where the future value of said financial instrument is calculated by
9 inputting historical average credit spread information and / or predicted future average credit
10 spread information and / or financial information, interest rate(s), currency denomination(s), and
11 start date and date of expiry of each contract into a pricing model including but not limited to
12 trinomial, binomial, Monte Carlo simulation, or Black-Scholes model.

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14 3. The method of claim 2, wherein said financial instrument may be comprised of multiple
15 financial instruments involving at least one financial instrument based upon an average credit
16 spread, or is based upon multiple average credit spreads for different market segments, including
17 but not limited to asset-backed securities, basket options, chooser options, option chains, or
18 rainbow options.

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20 4. A method for disseminating information for a financial instrument related to at least one
21 average credit spread, comprising the steps of:

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23 a. quoting prices, historical average credit spread information and / or predicted future average
24 credit spread information and / or metrics (ex. prices, open interest, 90-day volatility) on
25 contracts of an average credit spread linked financial instrument.

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27 b. using an information distribution medium, either physical or electronic, to disseminate said
28 information of claim a. to users of this information.

29
30 5. A computer-implemented method for creating and valuing a financial instrument based upon
31 average credit spreads which compile credit spread information in market segments defined by

1 geography, credit history, industry type, industry size, firm size, provision of collateral, third-
2 party guarantee, or type of debt obligation.

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4 6. The method of claim 5, where the future value of said financial instrument is calculated by
5 inputting historical average credit spread information and / or predicted future average credit
6 spread information and / or financial information, interest rate(s), currency denomination(s), and
7 start date and date of expiry of each contract into a pricing model including but not limited to
8 trinomial, binomial, Monte Carlo simulation, or Black-Scholes model.

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10 7. The method of claim 6, wherein said financial instrument may be comprised of multiple
11 financial instruments involving at least one financial instrument based upon an average credit
12 spread, or is based upon multiple average credit spreads for different market segments, including
13 but not limited to asset-backed securities, basket options, chooser options, option chains, or
14 rainbow options.

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16 8. A computer-implemented method for determining the volatility of financial instruments based
17 upon average credit spreads which compile credit spread information in market segments defined
18 by geography, credit history, industry type, industry size, firm size, provision of collateral, third-
19 party guarantee, or type of debt obligation.

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21 9. The method of claim 8, where the volatility of said financial instrument is calculated by
22 inputting historical average credit spread information and / or predicted future average credit
23 spread information and / or financial information, interest rate(s), currency denomination(s), and
24 start date and date of expiry of each contract into a pricing model including but not limited to
25 trinomial, binomial, Monte Carlo simulation, or Black-Scholes model.

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27 10. The method of claim 9, wherein said financial instrument may be comprised of multiple
28 financial instruments involving at least one financial instrument based upon an average credit
29 spread, or is based upon multiple average credit spreads for different market segments, including
30 but not limited to asset-backed securities, basket options, chooser options, option chains, or
31 rainbow options.

- 1 11. A computer system for creating and valuing a financial instrument based upon average credit
2 spreads which compile credit spread information in market segments defined by geography,
3 credit history, industry type, industry size, firm size, provision of collateral, third-party
4 guarantee, or type of debt obligation., comprising:
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7 a. a computer connected to an average credit spread history database and / or a predicted future
8 average credit spread database and / or financial database that creates and values a financial
9 instrument under conditions where the future value of said financial instrument is calculated by
10 inputting historical average credit spread information and / or predicted future average credit
11 spread information and / or financial information, interest rate(s), currency denomination(s), and
12 start date and date of expiry of each contract into a pricing model including but not limited to
13 trinomial, binomial, Monte Carlo simulation, or Black-Scholes model.
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15 b. at least one workstation that allows a user to specify inputs that affect the value of the average
16 credit spread financial instrument.
17
18 12. A computer program product comprising a computer-readable medium having control logic
19 stored therein for causing a computer to perform valuation of average credit spread linked
20 financial instruments, said control logic comprising:
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22 a. a computer readable program code means that causes the computer to create and value a
23 financial instrument based upon average credit spreads which compile credit spread information
24 in market segments defined by geography, credit history, industry type, industry size, firm size,
25 provision of collateral, third-party guarantee, or type of debt obligation.
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27 b. a computer readable program code means for valuing a financial instrument based upon
28 average credit spreads by inputting historical average credit spread information and / or predicted
29 future average credit spread information and / or financial information, interest rate(s), currency
30 denomination(s), start date and date of expiry of each contract, and / or cost of the financial

1 instrument into a pricing model including but not limited to trinomial, binomial, Monte Carlo
2 simulation, or Black-Scholes model.

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4 c. the method of claim b., where the future value of said financial instrument is a defined
5 currency amount and the initial value is calculated by utilizing computer readable program code
6 for applying a pricing model using historical average credit spread information and / or predicted
7 future average credit spread information and / or financial information, interest rate(s), currency
8 denomination(s), and start date and date of expiry of each contract.

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